

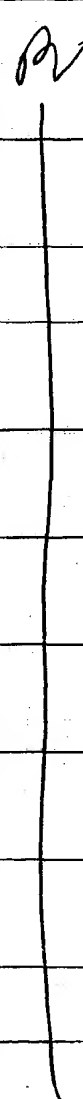
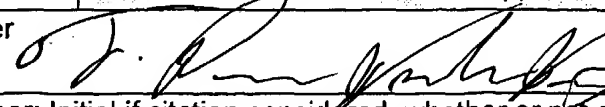


FORM PTO-1449 (Modified)			Docket No.: 350013-71		Serial No.: 09/646,950		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT			Applicants: Colin Watts				
			Filing Date: Sept. 25, 2000		Art Unit: 1644		
UNITED STATES PATENT DOCUMENTS							
*Exr's. Inits.	Ref.	Patent No.	Date	Name	Class	Sub Class	Filing Date (if applic- able)
	AA						
	AB						
FOREIGN PATENT DOCUMENTS							
Exr's. Init.	Ref	Document No.	Date	Country	Class	Sub	Translation? Yes No
10	AC	WO 91/06571	16.05.91	PCT	—	—	
	AD	WO 94/24281	27.10.94	PCT	—	—	
	AE	WO 97/40066	30.10.97	PCT	—	—	
	AF	EP 0430645B1	27.11.90	EPO	—	—	
	AG	EP 0478602B1	20.06.90	EPO	—	—	
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)							
Exr's. Inits.	Ref.	Bibliographic Data					
10	AH	Agrawal, Sudhir, Jamal Temsamani and Jin Yan Tang; September, 1991; <i>Pharmacokinetics, biodistribution, and stability of oligodeoxynucleotide phosphorothioates in mice</i> ; Proc. Natl.Acad.Sci. USA; Vol. 88, pp. 7595-5799					
	AI	Xiao, Bao-Guo and Hans Link; 1997; <i>Mucosal Tolerance: A Two-Edged Sword to Prevent and Treat Autoimmune Diseases</i> ; CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY; Vol. 85, No. 2, November, pp. 119-128					
	AJ	Altmann, Daniel M., et al.; March, 1995; <i>The T Cell Response of HLA-DR Transgenic Mice to Human Myelin Basic Protein and Other Antigens in the Presence and Absence of Human CD4</i> ; TRANSPLANTATION BIOLOGY; pp. 867-875					
	AK	Fineschi, Beatrice and Jim Miller; October 1997; <i>Endosomal proteases and antigen processing</i> ; ELSEVIER SCIENCE LTD.; pp. 377-382					
	AL	Agrawal, Sudhir, et al.; October 1988; <i>Oligodeoxynucleoside phosphoramidates and phosphorothioates as inhibitors of human immunodeficiency virus</i> ; PROC.NATL.ACAD.SCI.USA, Vol. 85, pp. 7079-7083					
Examiner 				Date Considered 10/13/04			
* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED

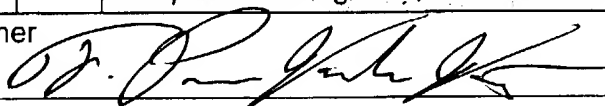
FEB 28 2001

TECH CENTER 1600/2900

FORM PTO-1449 (Modified)		Packet No.: 350013-71	Serial No.: 09/646,950
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicants: Colin Watts	
		Filing Date: Sept. 25, 2000	Art Unit: 1644
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)			
Exr's. Inits.	Ref.	Bibliographic Data	
	BA	Vinitsky, Alexander, et al.; 1994; <i>Inhibition of the Proteolytic Activity of the Multicatalytic Proteinase Complex (Proteasome) by Substrate-Related Peptidyl Aldehydes</i> ; THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 269; pp. 29860-29866	
	BB	Agrawal, Sudhir and John Goodchild; 1987; <i>Oligodeoxynucleoside Methylphosphonates, Synthesis and Enzymic Degradation</i> ; TETRAHEDRON LETTERS, Vol. 28, No. 32, pp. 3539-3542	
	BC	Agrawal, Sudhir and J.-Y. Tang; <i>Efficient Synthesis of Oligoribonucleotide and its Phosphorothioate Analogue Using H-Phosphonate Approach</i> ; pp. 7541-7544	
	BD	Agrawal, Sudhir, et al.; February 1990; <i>Site-specific excision from RNA by RNase H and mixed-phosphate-backbone oligodeoxynucleotides</i> ; PROC. NATL. ACAD. SCI. USA, Vol. 87; pp. 1401-1405	
	BE	Altri, Enrica, et al.; October 1993; <i>CGP 53437, an Orally Bioavailable Inhibitor of Human Immunodeficiency Virus Type 1 Protease with Potent Antiviral Activity</i> ; ANTIMICROBIAL AGENTS AND CHEMOTHERAPY; pp. 2087-2092	
	BF	Androlewicz, Matthew J. and Peter Cresswell; April 1994; <i>Human transporters Associated with Antigen Processing Possess a Promiscuous Peptide-Binding Site</i> ; IMMUNITY, Vol 1; pp. 7-14	
	BG	Bannwarth, Willi; 1988; <i>Solid-Phase Synthesis of Oligodeoxynucleotides Containing Phosphoramidate Internucleotide Linkages and their Specific Chemical Cleavage</i> ; HELVETICA CHIMICA ACTA, Vol. 71; pp. 1517-1527	
	BH	Benjamin, Christopher, W.; et al.; 1998; <i>Caspase Activation in MCF7 Cells Responding to Etoposide Treatment</i> ; MOLECULAR PHARMACOLOGY; pp. 446-450	
	BI	Brömme, Dieter and Hans-Ulrich Demuth; 1994; <i>N,O-Diacyl Hydroxamates as Selective and Irreversible Inhibitors of Cysteine Proteinases</i> ; METHODS IN ENZYMOLOGY, Vol. 244; pp. 671-685	
	BJ	Buttle, David J.; 1994; <i>Affinity Chromatography of Cysteine Peptidases</i> ; pp. 639-649	
BK	Chen, Jinq-May, et al.; 1997; <i>Cloning, Isolation, and Characterization of Mammalian Legumain, an Asparaginyl Endopeptidase</i> ; THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 272, No. 12; pp. 8090-8098		
Examiner 		Date Considered 10/13/04	
<p>* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			

FORM PTO-1449 (Modified)		Docket No.: 350013-71	Serial No.: 09/646,950
LIST OF PATENTS AND PUBLICATIONS ⁶⁰⁹ FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicants: Colin Watts	
		Filing Date: Sept. 25, 2000	Art Unit: 1644
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)			
Exr's. Inits.	Ref.	Bibliographic Data	
<i>CA</i>	✓	Chapman, Harold A.; 1998; Endosomal proteolysis and MHC class II function; CURRENT OPINION IMMUNOLOGY; pp. 93-102	
<i>CB</i>	✓	Chen, Jinq-May, et al.; 1998; Identification of the active site of legumain links it to caspases, clostripain and gingipains in a new clan of cysteine and endopeptidases; FEBS Letters 441; pp. 361-365	
<i>CC</i>	✓	Cohen, Gerald, et al.; 1990; Microbial isopenicillin N synthase genes: structure, function, diversity and evolution; TIBTECH, Vol. 8; pp. 105-111	
<i>CD</i>	✓	Cosstick, Richard and Joseph S. Vyle; 1989; Solid Phase Synthesis of Oligonucleotides Containing 3'-Thiothymidine; TETRAHEDRON LETTERS, Vo. 30, No. 35; pp. 4693-4696	
<i>CE</i>	✓	Cresswell, Peter; February 1996; Invariant Chain Structure and MHC Class II Function; CELL, Vol. 84; pp. 505-507	
<i>CF</i>	✓	Dalton, J.P., et al.; 1995; Asparaginyl endopeptidase activity in adult Schistosoma mansoni; PARASITOLOGY; pp. 575-580	
<i>CG</i>	✓	Davidson, Howard W. and Colin Watts; July 1989; Epitope-directed Processing of Specific Antigen by B Lymphocytes; THE JOURNAL OF CELL BIOLOGY, Vol. 109; pp. 85-92	
<i>CH</i>	✓	Davidson, Howard W., et al.; 1990; Endocytosis, Intracellular Trafficking, and Processing of Membrane IgG and Monovalent Antigen/Membrane IgG Complexes in B Lymphocytes; THE JOURNAL OF IMMUNOLOGY, Vol. 144; pp. 4101-4109	
<i>CI</i>	✓	Goodchild, John, et al.; August 1988; Inhibition of human immunodeficiency virus replication by antisense oligodeoxynucleotides; PROC. NATL. ACAD. SCI. USA, Vol. 85; pp. 5507-5511	
<i>CJ</i>	✓	Hewitt, Eric W., et al.; 1997; Natural Processing Sites for Human Cathespin E and Cathespin D in Tetanus Toxin; pp. 4693-4699	
<i>CK</i>	✓	Jäger, Alfred, et al.; 1988; Oligonucleotide N-Alkylphosphoramidates: Synthesis and Binding to Polynucleotides; AMERICAN CHEMICAL SOCIETY, pp. 7237-7245	
<i>CL</i>	✓	Kembhavi, Asha A., et al.; 1993; The Two Cysteine Endopeptidases of Legume Seeds: Purification and Characterization by Use of Specific Fluorometric Assay; ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS; pp. 208-213	
Examiner		Date Considered	
<i>[Signature]</i>		10/13/04	
* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.			

RECEIVED

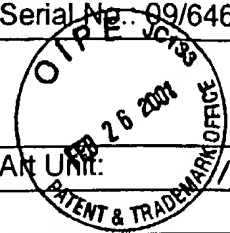
FORM PTO-1449 (Modified)		Docket No.: 350013-71	Serial No.: 09/646,950
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicants: Colin Watts	
		Filing Date: Sept. 25, 2000	Art Unit: 1644
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)			
Exr's. Inits.	Ref.	Bibliographic Data	
DA	✓	Kirschke, Heidrun, et al.; 1998; Lysosomal Cysteine Proteases; Second Edition	
DB	✓	Krantz, Allen; 1994; <i>Peptidyl (Acyloxy)methanes as Quiescent Affinity Labels for Cysteine Proteinases</i> ; pp. 656-671	
DC	✓	Kudo, Jiro, et al.; November 1985; <i>Structure of the human gene encoding the invariant γ-chain of class II histocompatibility antigens</i> ; NUCLEIC ACIDS RESEARCH, Vol. 13, No. 24; pp. 8827-8841	
DD	✓	Lanzavecchia, Antonio; 1985; <i>Antigen-specific interaction between T and B cells</i> ; NATURE, Vol. 314, No. 5011; pp. 537-539	
DE	✓	Leiter, Josef M.E., et al.; 1990; <i>Inhibition of influenza virus replication by phosphorothioate oligodeoxynucleotides</i> ; PROC. NATL. ACAD. SCI. USA; pp. 3430-3434	
DF	✓	Lu, Jianyn and Herman van Halbeek; 1996; <i>Complete H and C resonance assignments of a 21-amino acid glycopeptide prepared from human serum transferrin</i> ; CARBOHYDRATE RESEARCH; pp. 1-21	
DG	✓	Lu, Gui-shen, et al.; 1981; <i>Improved Synthesis of 4-Alkoxybenzyl Alcohol Resin</i> ; J. ORG. CHEM., Vol. 46; pp. 3433-3436	
DH	✓	Makoff, Andrew J., et al.; October 1989; <i>Expression of Tetanus Toxin fragment C in E. Coli: Is Purification and Potential Use as a Vaccine</i> ; BIO/TECHNOLOGY VOL. 7, pp. 1043-1046	
DI	✓	Manoury, Bénédicte, et al.; 1998; <i>An asparaginyl endopeptidase processes a microbial antigen for class II MHC presentation</i> ; NATURE, Vol. 396; pp. 695-699	
DJ	✓	Mikaelian, Ivan and Alain Sergeant; 1992; <i>A general and fast method to generate multiple site directed mutations</i> ; NUCLEIC ACIDS RESEARCH, Vol. 20, No. 2	
DK	✓	Nielsen, John, et al.; 1988; <i>Synthesis and Characterization of Dinucleoside Phosphorodithioates</i> ; TETRAHEDRON LETTERS, Vol. 29, pp. 2911-2914	
DL	✓	O'Sullivan, Deirdre M., et al.; 1986; <i>Structure of the human Ia-associated invariant (γ)-chain gene: Identification of 5' sequences shared with major histocompatibility complex class II genes</i> ; PROC. NATL. ACAD. SCI. USA; pp. 4484-4488	
Examiner		Date Considered	
		10/13/04	
<p>* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			

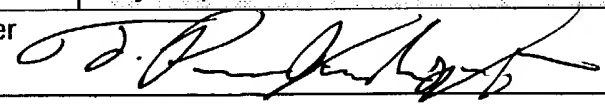
RECEIVED

FEB 28 2001

TECH CENTER 1600/2900

FORM PTO-1449 (Modified)		Docket No.: 350013-71	Serial No.: 89/646,950
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicants: Colin Watts	
		Filing Date: Sept. 25, 2000	Art Unit: 1644



OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)		
Exr's. Inits.	Ref	Bibliographic Data
	EA	
EB	✓	Palmer, James T., et al.; 1995; <i>Vinyl Sulfones as Mechanism-Based Cysteine Protease Inhibitors</i> ; J. MED. CHEM., pp. 3193-3196
EC	✓	Pond, Leslie and Colin Watts; 1997; <i>Characterization of Transport of Newly Assembled, T Cell-Stimulatory MHC Class II-Peptide Complexes from MHC Class II Compartments in the Cell Surface</i> ; THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS; pp. 543-553
ED	✓	Riese, Richard J., et al.; 1996; <i>Essential Role for Cathepsin S in MHC Class II-Associated Invariant Chain Processing and Peptide Loading</i> ; IMMUNITY, Vol. 4; pp. 357-366
EE	✓	Sharma, K. Krishna, et al.; 1996; <i>Identification of New Lens Protease(s) Using Peptide Substrates Having in Vivo Cleavage Sites</i> ; BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS; pp. 365-370
EF	✓	Shaw, Elliott; 1994; <i>Peptidyl Diazomethanes as Inhibitors of Cysteine and Serine Proteinases</i> ; METHODS IN ENZYMOLOGY; 649-656
EG	✓	Shaw, Elliott and George D. J Green; 1981; <i>Inactivation of Thiol Proteases with Peptidyl</i> ; METHODS IN ENZYMOLOGY; pp. 820-826
EH	✓	Shaw, Jeng-Pyng, et al.; 1991; <i>Modified deoxyoligonucleotides stable to exonuclease degradation in serum</i> ; NUCLEIC ACIDS RESEARCH, Vol. 19; pp. 747-750
EI	✓	Thompson, Robert C.; <i>Peptide Aldehydes: Potent Inhibitors of Serine and Cysteine Proteases</i> ; ENZYMES, ANTIBODIES AND OTHER PROTEINS; pp. 220-225
EJ	✓	Uznanski, Bogdan, et al.; 1987; <i>Deoxyribonucleoside 3'-Phosphordiamidites as Substrates for Solid Supported Synthesis of Oligodeoxyribonucleotides and their Phosphorothioate and DNA-Triester Analogues</i> ; 1987; TETRAHEDRON LETTERS, Vol. 28; pp. 3401-3404
EK	✓	Villadangos, José A., et al.; 1997; <i>Degradation of Mouse Invariant Chain: Roles of Cathepsins S and D and the Influence of Major Histocompatibility Complex Polymorphism</i> ; J. EXP. MED., Vol. 186; pp. 549-560
Examiner		Date Considered
		10/13/04

* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., ~~citation~~) if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

FEB 28 2001

TECH CENTER 1600/2900

FORM PTO-1449 (Modified)		Docket No.: 350013-71	Serial No. 350013-71/646,950
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicants: Colin Watts	
		Filing Date: Sept. 25, 2000	Art Unit: 1644
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)			
Exr's. Inits.	Ref	Bibliographic Data	
✓	FA	Watts, Colin; 1997; <i>Capture and Processing of Exogenous Antigens for Presentation on MHC Molecules</i> ; ANNU. REV. IMMUNOL.; pp. 821-850	
	FB	Williams, E. Brady and Kenneth G. Mann; 1993; <i>Peptide Chloromethyl Ketones as Labeling Reagents</i> ; METHODS IN ENZYMOLOGY, Vol. 222; pp. 503-513	
	FC	Woods, Andrea, et al.; July 1994; <i>Human Major Histocompatibility Complex Class II-Restricted T Cell Responses in Transgenic Mice</i> ; J. EXP. MED. Vol. 180; pp. 173-181	
	FD	Yamamoto, Ken, et al.; July 1994; <i>Functional Interaction between Human Histocompatibility Leukocyte Antigen (HLA) Class II and Mouse CD4 Molecule in Antigen Recognition by T Cells in HLA-DR and DQ Transgenic Mice</i> ; J. EXP. MED., Vol. 180; pp. 165-171	
	FE	Cantorna, Margherita T., et al.; 1988; <i>1,25-Dihydroxycholecalciferol Inhibits the Progression of Arthritis in Murine Models of Human Arthritis</i> ; AMERICAN SOCIETY FOR NUTRITIONAL SCIENCES; pp. 68-72	
	FF	Kumar, Vipin, et al.; May 1997; <i>Regulatory T Cells Specific for the Same Framework 3 Region of the Vβ8.2 Chain Are Involved in the Control of Collagen II-induced Arthritis and Experimental Autoimmune Encephalomyelitis</i> ; J. EXP. MED., Vol. 185; pp. 1725-1733	
	FG	Sarin, Prem S., et al.; October 1988; <i>Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates</i> ; PROC. NATL. ACAD. SCI. USA, Vol. 85; pp. 7448-7451 [incorrectly listed on original IDS as Vol. 86, pp. 7790-7794].	
	FH	Tang, Jin yan, et al.; 1993; <i>Self-stabilized antisense oligodeoxynucleotide phosphorothioates: properties and anti-HIV activity</i> ; NUCLEIC ACIDS RESEARCH, Vol. 21; pp. 2729-2735	
	FI	Bogyo, Matthew and Hidde L. Ploegh; December 1998; <i>A Protease Draws First Blood</i> ; NEWS AND VIEWS; pp. 625-627	
Examiner		Date Considered	
J. R. [Signature]		10/13/04	
<p>* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			

RECEIVED
FEB 28 2001
TECH CENTER 1600/2900

FORM PTO-1449 (Modified)		Docket No.: 350013-71	Serial No.: 09/646,950
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicants: Colin Watts	
		Filing Date: Sept. 25, 2000	Art Unit: 1654
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)			
Exr's. Inits.	Ref	Bibliographic Data	
A	GA	Knight, Andrew M.; et al.; 1997; <i>Antigen endocytosis and presentation mediated by human membrane IgG1 in the absence of the Igα/Igβ dimer</i> ; THE EMBO JOURNAL, Vol. 16; pp. 3842-3850	
	GB	Makoff, A.J., et al.; 1989; <i>Expression of tetanus toxin fragment C in E.coli: high level expression by removing rare codons</i> ; NUCLEIC ACIDS RESEARCH, Vol. 17; pp. 10191-10201	
	GC	Makoff, A.J. and M.D. Ozer; 1991; <i>High level heterologous expression in E.coli using mutant forms of the lac promoter</i> ; NUCLEIC ACIDS RESEARCH, Vol. 19; pp. 2417-2421	
	GD	Simitsek, Phaedra D., et al.; June 1995; <i>Modulation of Antigen Processing by Bound Antibodies Can Boost or Suppress Class II Major Histocompatibility Complex Presentation of Different T Cell Determinants</i> ; J. EXP. MED., Vol. 181; pp.1957-1963	
	GE	Strubin, Michel; et al.; 1984; <i>The complete sequence of the mRNA for the HLA-DR-associated invariant chain reveals a polypeptide with an unusual transmembrane polarity</i> ; THE EMBO JOURNAL, Vol. 3; pp. 869-872	
	GF	<i>Peptimmune and Peptide Therapeutics collaborate on asthma and autoimmune diseases</i> ; PHARMACEUTICAL BUSINESS NEWS, March 25, 1998	
	GG		
	GH		
	GI		
	GJ		
	GH		
Examiner		Date Considered 10/13/04	

* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

FEB 28 2001

TECH CENTER 1600/2900